.07

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY, 1939

J. A. BROWN, DIRECTOR

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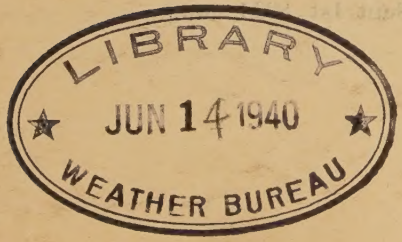
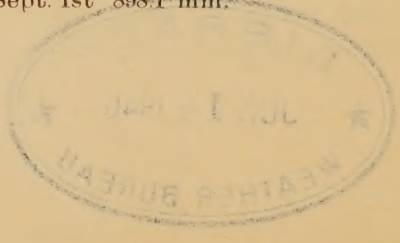


MAY 1939

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.3	58.4	58.9	58.5	24.9	16.2	21.3	23.8	18.6	21.2
2	60.7	61.1	61.3	61.0	24.4	15.3	19.9	23.3	17.7	20.3
3	1.7	0.5	0.9	1.0	25.6	16.8	20.5	23.0	18.8	20.8
4	0.3	59.8	0.2	0.1	26.9	20.2	23.6	23.3	20.8	22.2
5	59.1	9.3	59.0	59.1	33.3	24.6	26.9	31.6	25.5	28.0
6	57.0	57.6	58.3	57.6	33.3	19.1	32.7	30.2	24.4	29.1
7	61.0	60.8	61.0	60.9	22.4	15.7	22.7	24.4	19.1	22.1
8	1.2	0.4	0.5	0.7	24.6	16.3	20.1	23.3	18.3	20.6
9	0.9	1.1	1.0	1.0	25.6	17.4	20.8	24.4	19.9	21.7
10	1.3	0.3	0.4	0.7	27.7	18.5	21.7	25.9	20.5	22.7
11	60.9	60.0	59.5	60.1	27.8	19.4	22.8	26.1	21.6	23.5
12	59.1	56.7	7.2	57.7	27.7	19.4	22.2	26.3	21.8	23.4
13	9.3	61.0	9.6	60.0	30.6	19.4	22.4	23.8	22.6	22.9
14	62.1	2.4	63.0	2.5	26.4	17.5	23.8	25.7	19.4	23.0
15	2.6	1.0	0.8	1.5	27.3	19.1	22.7	23.3	21.2	22.4
16	58.2	57.5	55.8	57.2	29.4	20.8	24.9	28.6	24.4	26.0
17	4.9	4.4	4.6	4.6	30.7	20.3	26.6	29.1	23.1	26.3
18	6.6	6.9	7.9	7.1	27.8	19.2	23.8	27.4	21.1	24.1
19	8.0	7.8	8.5	8.1	29.0	18.7	24.2	27.7	21.2	24.4
20	7.4	6.6	6.0	6.7	29.6	23.3	25.5	28.0	24.1	25.9
21	55.4	54.2	54.6	54.7	34.2	23.0	28.9	33.3	27.4	29.9
22	8.8	9.4	61.3	9.8	27.8	18.6	24.2	27.2	21.1	24.2
23	61.9	61.8	0.2	61.3	28.2	21.7	24.1	25.5	22.2	23.9
24	58.8	56.2	56.6	57.2	31.9	24.9	26.1	30.8	26.1	27.7
25	6.2	6.8	9.0	7.3	34.2	21.1	27.7	28.8	23.0	26.5
26	61.2	60.6	61.0	60.9	26.9	18.6	23.4	26.1	20.8	23.4
27	0.2	0.8	59.6	0.2	26.4	18.6	23.9	26.1	20.5	23.5
28	59.4	59.3	60.0	59.6	27.0	18.3	23.6	25.5	20.9	23.3
29	60.9	60.9	0.6	60.8	27.1	19.4	24.4	24.6	21.1	23.4
30	55.6	59.1	0.9	58.5	33.3	19.2	24.9	26.1	21.9	24.3
31	60.9	60.7	1.1	60.9	28.1	20.6	24.2	26.8	22.2	24.4
	759.35	759.14	759.33	759.27	28.39	19.40	24.02	26.45	21.66	24.05

Barometer, range for month 754.2 mm.—763.0 mm.
,, 62-yr. average for month 759.52 mm.
Thermometer, range for month 15.3° C.—34.2° C.
,, 62-yr. average for month 22.38° C.
Rain, total for month 0.8 mm.
,, , 62-yr. average for month 18.29 mm.
,, , total, from Sept. 1st 1024.2 mm.
55-yr. average, Sept. 1st 898.1 mm.



MAY 1939

METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	14.9	14.5	13.6	14.3	78	66	86	77	11.2	430.0	
2	11.9	12.5	12.5	12.3	69	59	82	70	12.0	200.0	
3	13.5	14.2	14.3	14.0	75	68	88	77	11.1	220.0	
4	12.7	13.3	14.2	13.4	59	62	78	66	7.5	141.0	
5	12.8	16.2	11.4	13.5	49	46	47	47	11.0	222.5	
6	9.5	13.7	13.4	12.2	35	42	59	45	2.2	300.0	
7	16.2	14.2	14.1	14.8	79	63	86	76	0.7	350.0	
8	13.4	14.0	13.8	13.7	77	66	88	77	12.6	200.0	
9	14.2	14.2	14.4	14.3	78	63	83	75	12.7	200.0	
10	15.3	16.2	16.1	15.8	79	65	90	78	12.5	160.0	
11	16.9	16.8	18.1	17.3	82	67	94	81	11.2	150.0	
12	16.5	18.2	15.9	16.9	83	71	82	79	8.7	400.0	
13	17.4	17.5	13.6	16.2	87	79	67	78	3.2	371.0	
14	15.0	14.2	13.9	14.4	68	57	83	69	12.6	250.0	
15	14.4	14.4	15.3	14.9	71	68	84	74	10.2	340.0	
16	14.8	16.7	12.6	14.7	63	57	55	58	12.9	250.0	
17	18.0	15.4	18.7	17.4	69	51	89	70	11.7	340.0	
18	17.5	17.4	17.5	17.5	79	64	94	79	12.5	300.0	
19	14.1	15.8	16.9	15.6	62	58	89	70	12.7	230.0	
20	18.3	17.1	13.6	16.3	75	61	61	66	10.8	168.0	
21	12.0	11.7	13.8	12.5	41	32	50	41	2.2	475.0	
22	18.8	18.1	15.0	17.3	83	68	80	77	1.6	390.5	
23	16.2	16.8	17.6	16.9	73	69	89	77	7.2	480.5	
24	17.9	15.8	15.0	16.2	71	48	60	60	6.4	486.0	
25	17.7	19.0	18.6	18.4	64	64	89	72	9.8	344.0	
26	14.8	14.1	13.8	14.2	69	56	76	67	8.2	329.5	
27	13.8	14.1	13.1	13.7	62	56	73	64	11.3	241.0	
28	13.5	13.7	12.8	13.3	62	56	70	63	12.3	213.5	
29	13.4	13.7	13.7	13.6	59	60	74	64	11.2	577.6	
30	13.1	16.9	16.8	15.6	75	67	86	70	9.6	238.5	0.8
31	16.6	17.3	16.4	16.8	74	66	83	74	12.6	288.5	
	15.00	15.41	14.90	15.10	68.8	60.5	77.9	69.1	9.76	299.6	0.026

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:.
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
62-year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	2ci	0	0.7	4s	2sw	3s	slight	mist on sea a.m.
2	0	4ci	0	1.3	4s	2sw	1s	,,	
3	4ci	0	2ci	2.0	2nw	3n	3n	calm	
4	7ci	5ci	4ci	5.3	1ne	2n	2n	,,	
5	3ci	0	0	1.0	1e	3e	2e	,,	
6	10ci	10ci	10ci	10.0	2s	2e	2s	calm	
7	0	0	0	0.0	4w	3w	3w	slight	mist on sea a.m.
8	6cu	0	0	2.0	4sw	2w	1w	,,	
9	0	0	0	0.0	2nw	2n	1n	,,	
10	0	0	0	0.0	2nw	2n	2n	calm	
11	3ci	0	0	1.0	1w	1w	1w	calm	
12	9ci	10ci	0	6.3	1nw	3n	2w	slight	
13	10cuci	10cu	5cu	8.3	3sw	4w	3w	,,	
14	0	0	0	0.0	3sw	2w	2w	,,	
15	9ci	0	0	3.0	3s	2s	3s	,,	
16	0	0	0	0.0	2n	2n	3n	slight	
17	2cu	4cu	0	2.0	1ne	2n	3n	,,	
18	3ci	0	0	1.0	5sw	3sw	2sw	,,	
19	0	0	0	0.0	4w	2sw	2w	,,	
20	0	10ci	0	3.3	2nw	2n	2n	calm	
21	10cu	10ci	5ci	8.3	1e	4e	2e	calm	
22	10ci	10ci	0	6.7	4s	4s	4s	slight	
23	7ci	7ci	10ci	8.0	2sw	4sw	2w	,,	
24	10cuci	10cuci	0	6.7	2e	4e	3e	mod.	
25	5cuci	9ci	2ci	5.3	2e	2n	4n	slight	
26	10cuci	0	4cu	4.7	3sw	4w	2w	mod.	
27	2ci	7cu	4cu	4.3	2w	3w	2w	,,	
28	3cu	3cu	9cu	5.0	2w	2w	1w	slight	
29	3ci	10ci	0	4.3	2w	2n	4n	,,	
30	10ci	0	0	3.3	6nw	4nw	1nw	mod.	
31	0	2ci	0	0.7	2w	2nw	3n	calm	
				3.37	2.5	2.6	2.3		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	1	2	4	0	5	6	7	6	0	31
14:30	10	0	4	0	2	5	8	2	0	31
20:30	10	0	3	0	5	1	11	1	0	31
Totals	21	2	11	0	12	12	26	9	0	93

Number of days with rain 1, fog 0, thunderstorms 0, gale 0.

62-yr. average number of days with rain during month 3.1